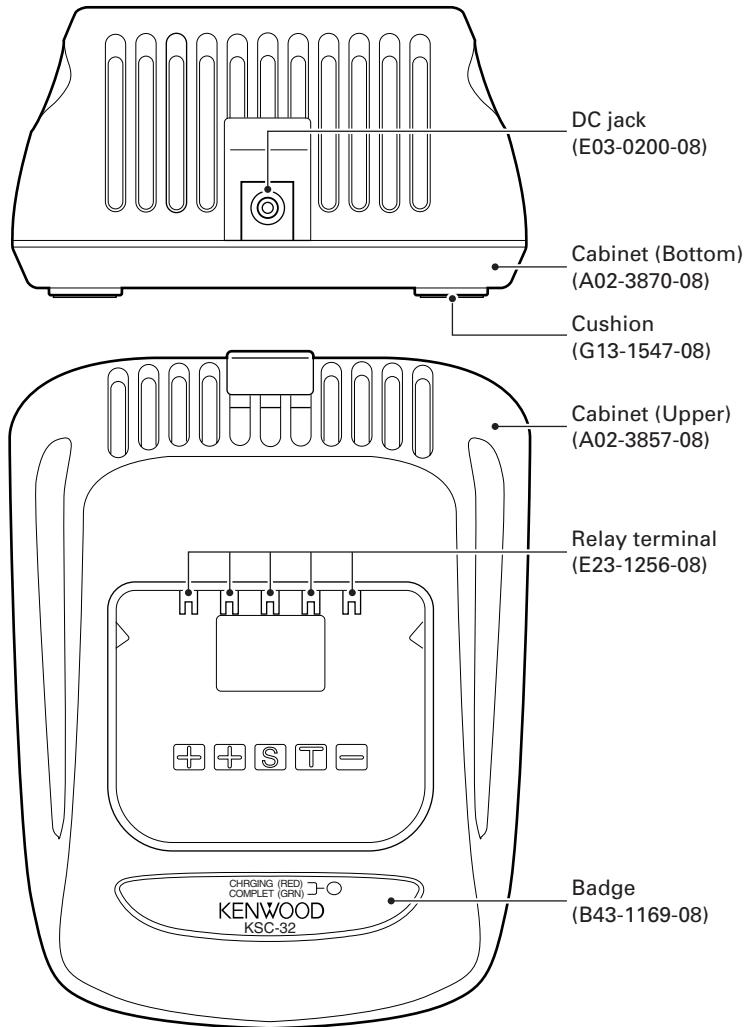


RAPID CHARGER
KSC-32

SERVICE MANUAL

KENWOOD

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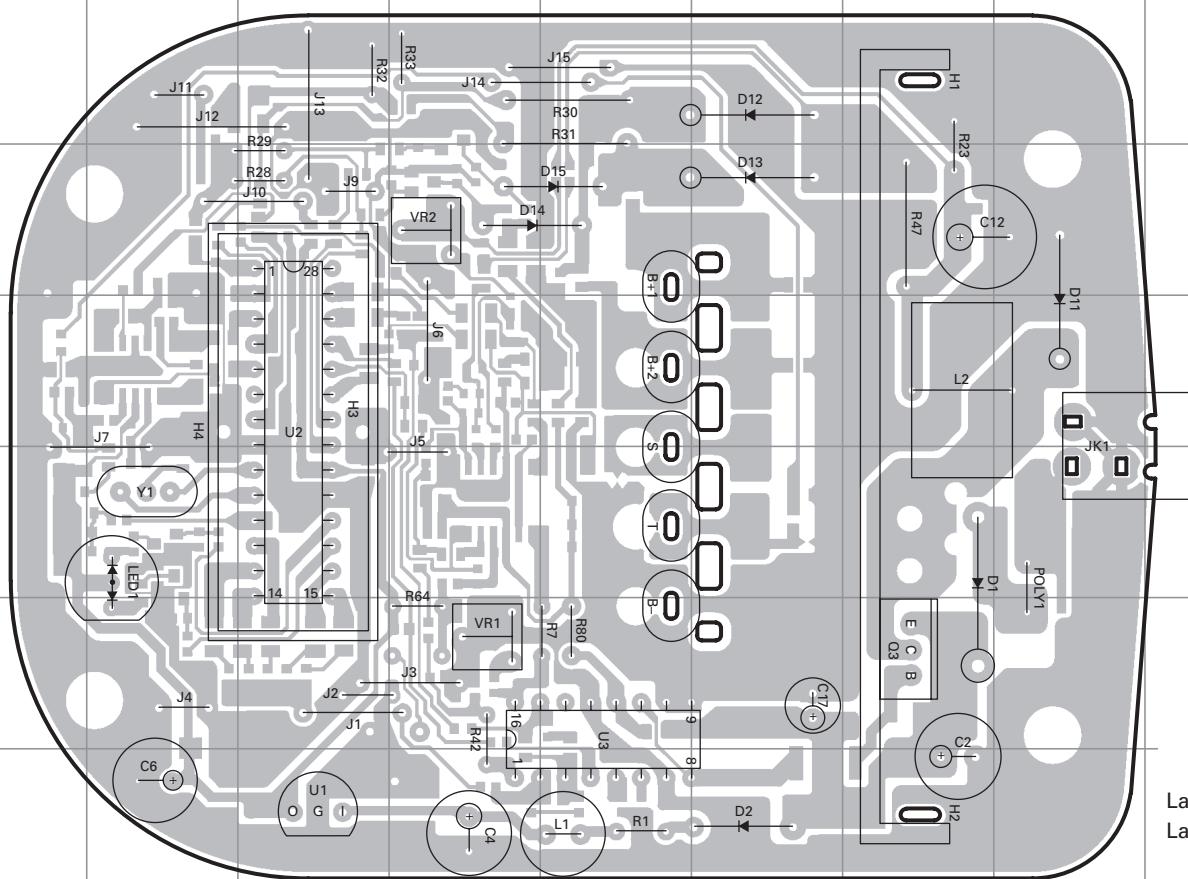


CONTENTS

PC BOARD	2
SCHEMATIC DIAGRAM	3
FLOW CHART	5
PARTS LIST	BACK COVER
SPECIFICATIONS	BACK COVER

KSC-32 PC BOARD

CHARGER UNIT (W02-3668-08) Component side view



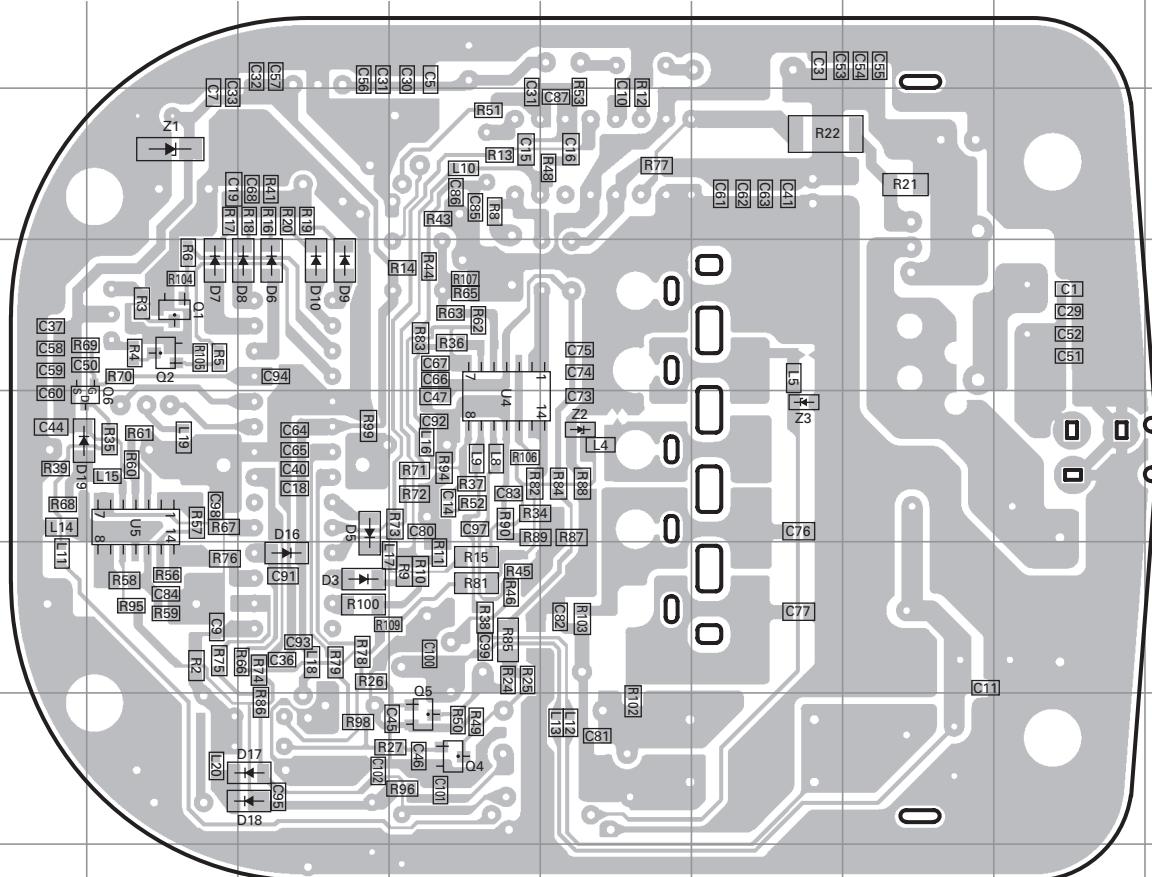
Ref. No.	Address
U1	7C
U2	4C
U3	6E
Q3	6G
D1	5G
D2	7F
D11	4H
D12	2F
D13	3F
D14	3D
D15	3E
LED1	5B

Component side

The diagram consists of two horizontal rectangular boxes stacked vertically. The top box is filled with a solid gray color and is labeled "Layer 1" to its left. The bottom box is filled with a solid white color and is labeled "Layer 2" to its left.

Foil side

CHARGER UNIT (W02-3668-08) Foil side view



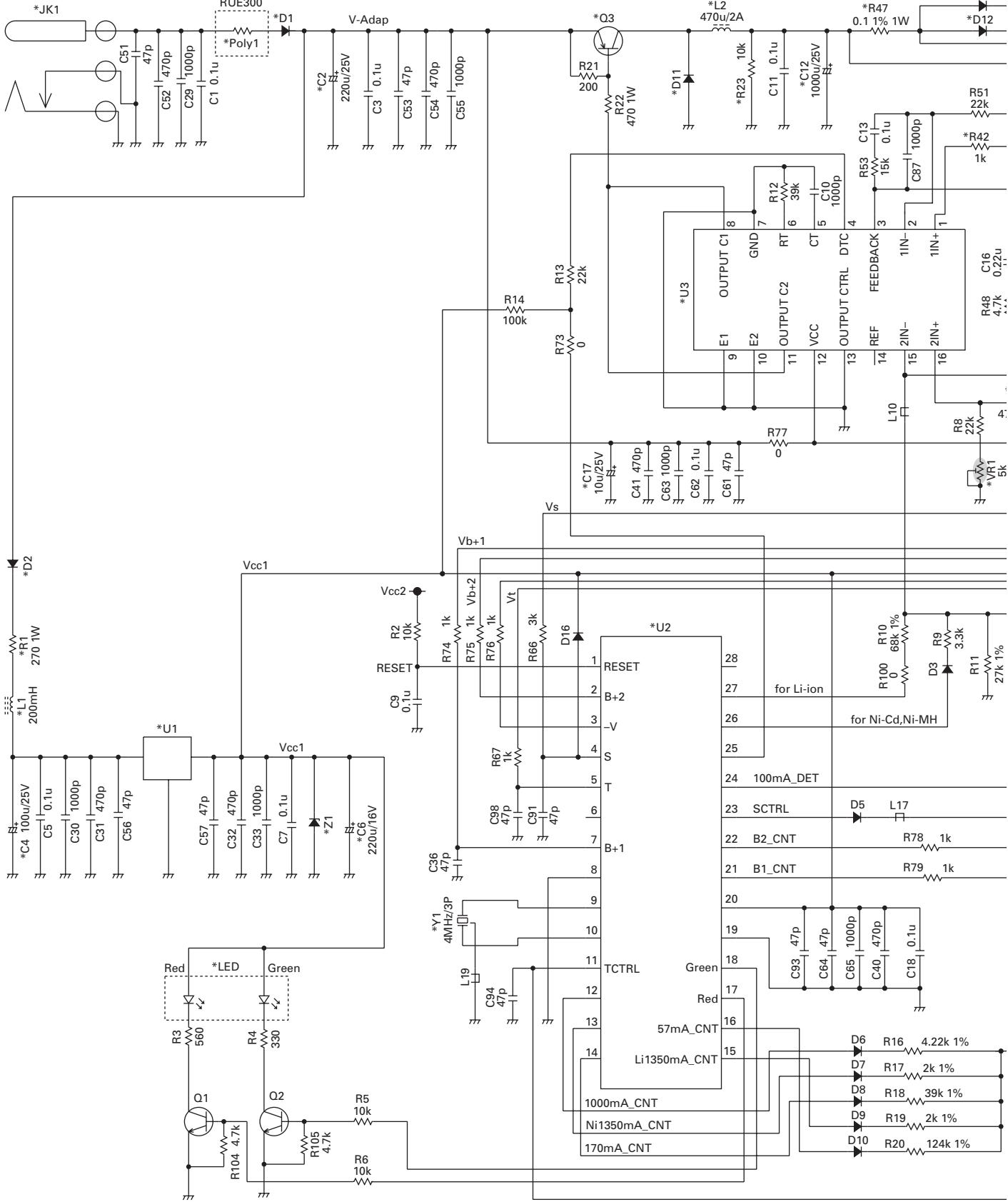
Ref. No.	Address
U4	11D
U5	11B
Q1	10B
Q2	10B
Q4	13D
Q5	13D
Q6	11A
D3	12C
D5	11C
D6	10C
D7	10B
D8	10C
D9	10C
D10	10C
D16	12C
D17	13C
D18	13C
D19	11A
Z1	9B
Z2	11E
Z3	11F

Component side

The diagram consists of two horizontal rectangular boxes stacked vertically. The top box is white and labeled "Layer 1". The bottom box is gray and labeled "Layer 2".

Foil side

KSC-32 SCHEMATIC DIAGRAM



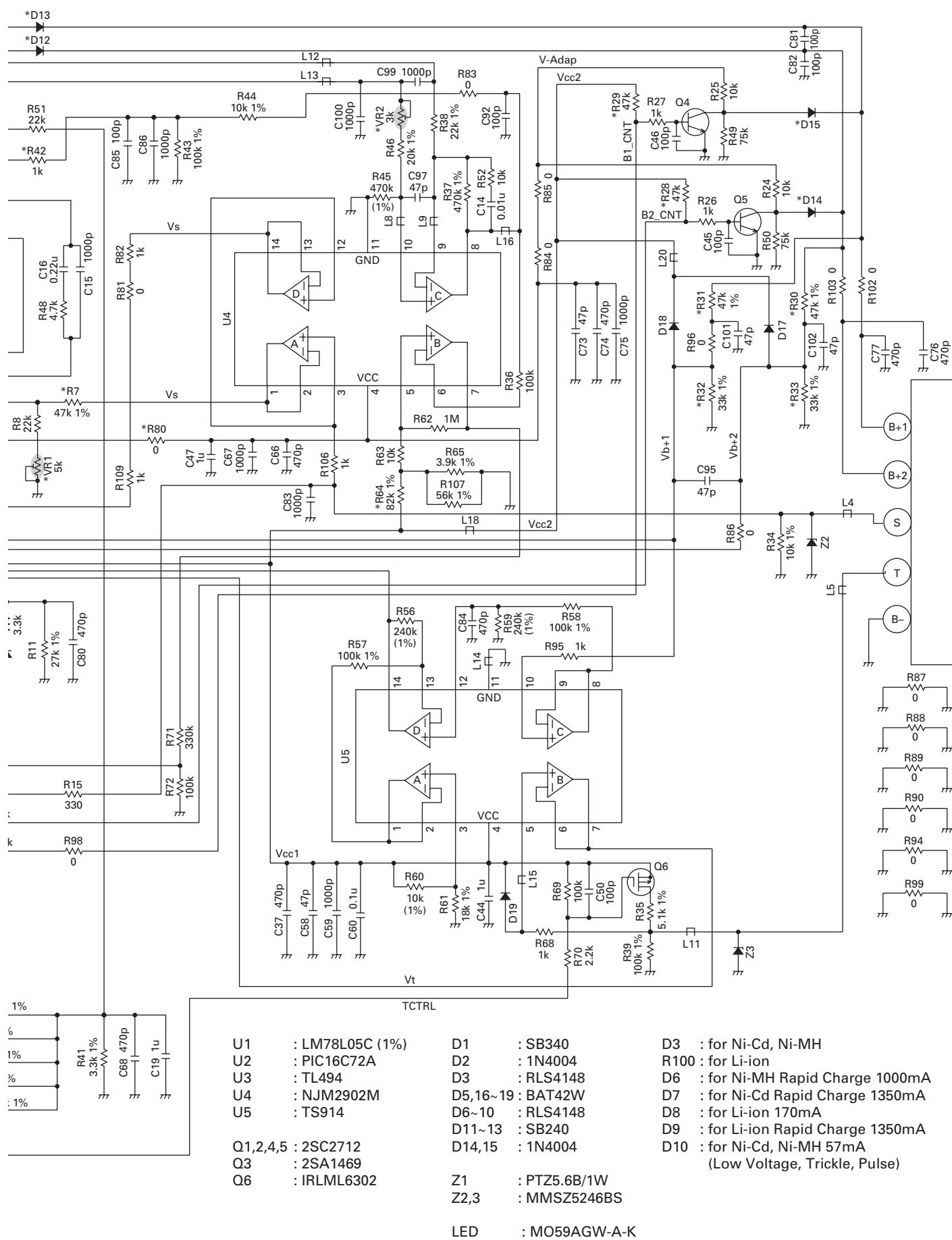
F

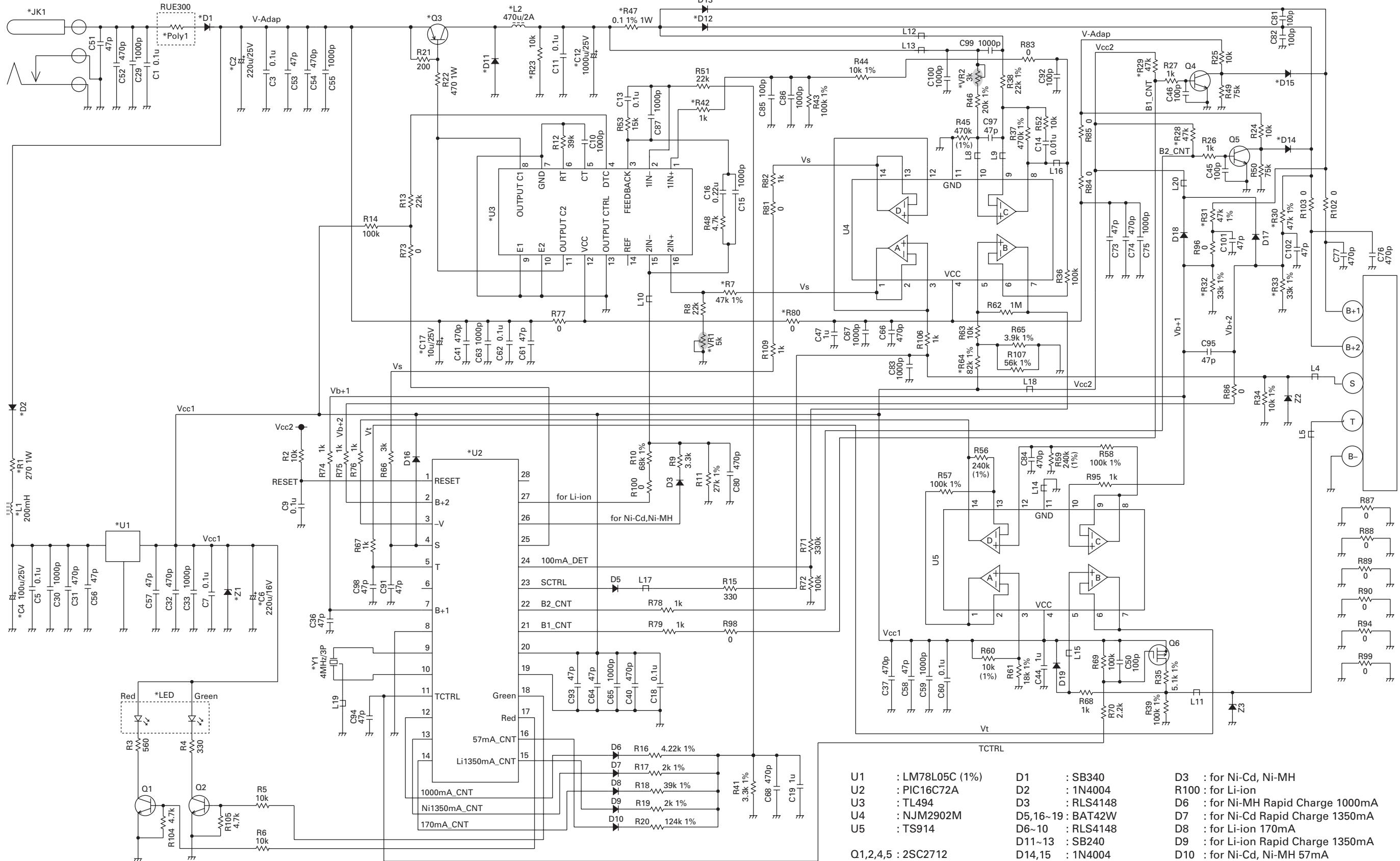
G

H

J

SCHEMATIC DIAGRAM KSC-32





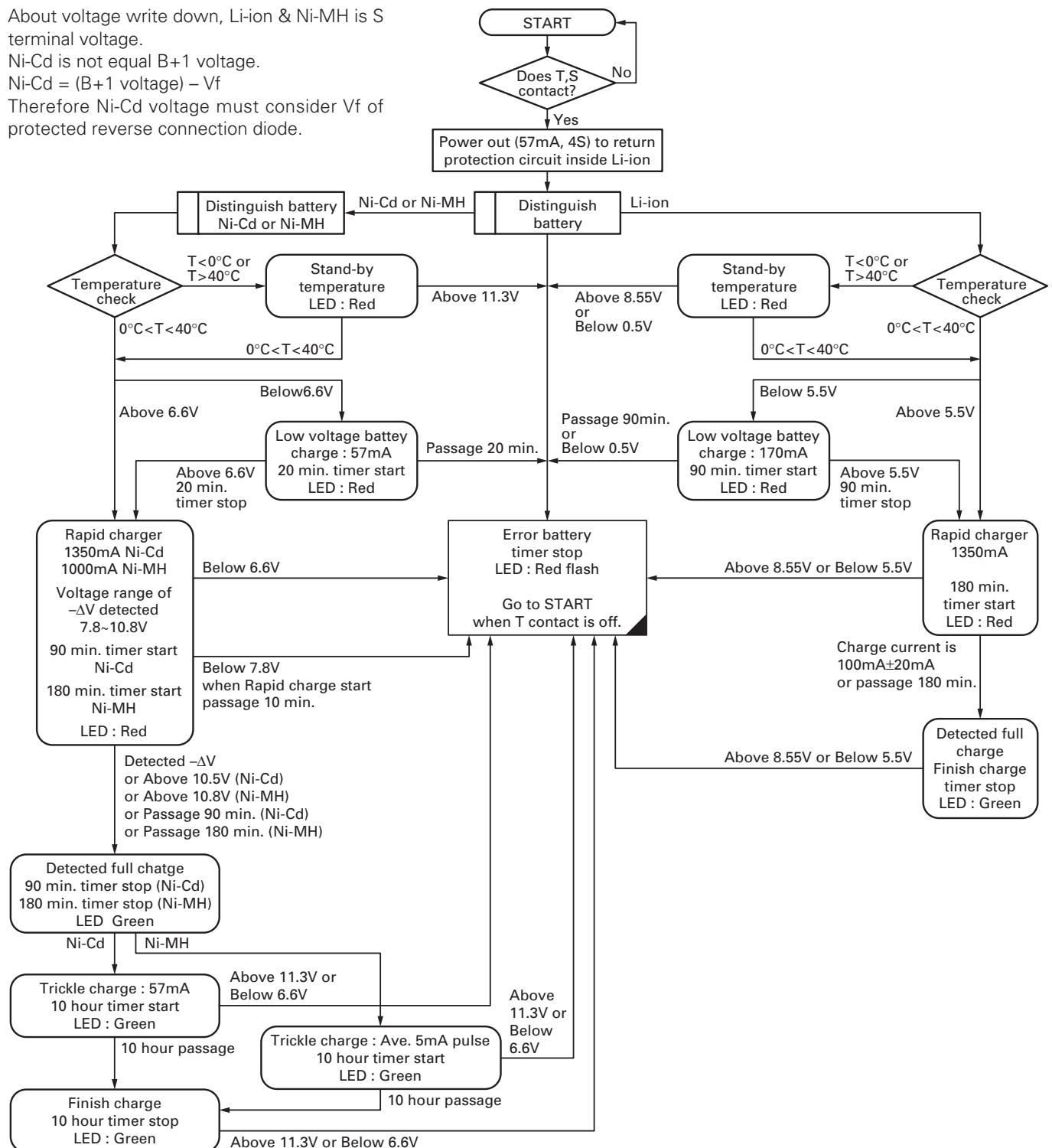
FLOW CHART

About voltage write down, Li-ion & Ni-MH is S terminal voltage.

Ni-Cd is not equal B+1 voltage.

Ni-Cd = (B+1 voltage) - Vf

Therefore Ni-Cd voltage must consider Vf of protected reverse connection diode.



KSC-32

PARTS LIST / SPECIFICATIONS

Parts List

Ref. No.	Address	New parts	Parts No.	Description	Desti-nation
KSC-32					
		*	A02-3857-08	CABINET	UPPER
		*	A02-3870-08	CABINET	BOTTOM
		*	B43-1169-08	BADGE	
		*	B62-1768-00	INSTRUCTION MANUAL	K
		*	B62-1769-00	INSTRUCTION MANUAL	E
			E03-0200-08	DC JACK	
		*	E23-1256-08	RELAY TERMINAL	
			G13-1547-08	CUSHION	
			N80-2610-45	SCREW	
		*	W02-3668-08	CHARGER UNIT	
		*	W08-0976-05	AC ADAPTER	
		*	W08-0978-05	AC ADAPTER	K E

Specifications

* New Parts.

AC Voltage 100~240V
Dimensions (W x H x D) 102 x 56.4 x 131.5 mm
4-1/32 x 2-15/64 x 5-3/16 inches
Weight (charger only) Approx. 190g / 0.42 lbs
Approximate Charging Times
KNB-31A (Ni-Cd : 7.2V, 1700mAh) 80 minutes
KNB-32N (Ni-MH : 7.2V, 2500mAh) 170 minutes
KNB-33L (Li-ion : 7.4V, 1700mAh) 130 minutes

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